

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|---------|---------------------|
| L17 | 291 | ((freespace or free?space or (free near3 space) or air or atmospher\$) same (telescop\$ or schmidt or cassegrain\$)) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$ or (bidirect\$ or bi?direct\$)) and (optic\$4 near5 (communicat\$ or telecommunicat\$ or tele?communicat\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 13:00 |
| L16 | 255 | (telescop\$ or schmidt or cassegrain\$) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$ or (bidirect\$ or bi?direct\$)) and (freespace or free?space or (free near3 space) or air or atmospher\$) and (optic\$4 near5 (communicat\$ or telecommunicat\$ or tele?communicat\$)) and ax\$5 and (surface with (hole or aperture or pinhole or pin?hole or (pin near3 hole))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:58 |
| L14 | 470 | (telescop\$ or schmidt or cassegrain\$) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$ or (bidirect\$ or bi?direct\$)) and (freespace or free?space or (free near3 space)) and (optic\$4 near5 (communicat\$ or telecommunicat\$ or tele?communicat\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:27 |
| L15 | 312 | 14 and ax\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:25 |
| L12 | 560 | (optic\$4 same (telescop\$ or schmidt or cassegrain\$)) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$ or (bidirect\$ or bi?direct\$)) and (freespace or free?space or (free near3 space)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 12:22 |
| L13 | 263 | 12 and (hole\$2 or aperture\$2 or pinhole\$2 or pin?hole\$2 or (pin near3 hole\$2) or iris) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 10:31 |
| L11 | 167 | (telescop\$ or schmidt or cassegrain\$) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$ or (bidirect\$ or bi?direct\$)) and (freespace or free?space or (free near3 space)) and (offax\$5 or off?ax\$5 or (off near3 ax\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 10:27 |
| S21 | 1215 | telescop\$ and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and (freespace or free?space or (free near3 space)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 10:11 |
| L10 | 184 | L6 and telescop\$ and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:43 |
| L9 | 37 | L6 and telescop\$ and (bidirect\$ or bi?direct\$) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:43 |

| | | | | | | |
|-----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----|-----|---------------------|
| L8 | 190 | L6 and telescop\$ and (schmidt or cassegrain\$) and (apertur\$ or hole or window) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:42 |
| L7 | 86 | L6 and telescop\$ and (freespace or free?space or (free near3 space)) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:42 |
| L6 | 4436 | ((359/366) or (359/399) or (359/364) or (359/365) or (359/419) or (359/839) or (359/840) or (359/850) or (359/855) or (359/856) or (359/857) or (359/858) or (359/859) or (359/641) or (398/118) or (398/128) or (398/129) or (398/130) or (398/131)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/10/05 09:42 |
| L5 | 200 | L4 and ax?s | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:42 |
| L4 | 219 | L3 and telescop\$ and (schmidt or cassegrain\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:42 |
| L3 | 4436 | ((359/366) or (359/399) or (359/364) or (359/365) or (359/419) or (359/839) or (359/840) or (359/850) or (359/855) or (359/856) or (359/857) or (359/858) or (359/859) or (359/641) or (398/118) or (398/128) or (398/129) or (398/130) or (398/131)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/10/05 09:42 |
| L2 | 22 | L1 and telescop\$ and cassegrain\$ and (freespace or free?space or (free near3 space)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/10/05 09:42 |
| L1 | 4436 | ((359/366) or (359/399) or (359/364) or (359/365) or (359/419) or (359/839) or (359/840) or (359/850) or (359/855) or (359/856) or (359/857) or (359/858) or (359/859) or (359/641) or (398/118) or (398/128) or (398/129) or (398/130) or (398/131)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/10/05 09:42 |
| S33 | 76 | S26 and (offax?s or off?ax?s or (off near3 ax?s)) and (schmidt or cassegrain\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 19:38 |
| S32 | 104 | S31 and (offax?s or off?ax?s or (off near3 ax?s)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 19:38 |
| S31 | 522 | S26 and (((coincid\$ or parallel) with ax?s) or collinear\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 19:16 |

| | | | | | | |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----|----|---------------------|
| S30 | 56 | S26 and (transmi\$ with (reflect\$ or deflect\$)) and ((receiv\$ or recept\$) with primary) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 18:31 |
| S29 | 19 | S26 and transmi\$ and (receiv\$ or recept\$) and (shar\$4 with ax?s) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 18:29 |
| S28 | 97 | S26 and (transmi\$ with ax?s) and ((receiv\$ or recept\$) with ax?s) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 18:26 |
| S27 | 46 | S26 and (freespace or free?space or (free near3 space)) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 18:06 |
| S15 | 79 | S14 and telescop\$ and (freespace or free?space or (free near3 space)) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 17:56 |
| S26 | 1539 | telescop\$ same ((hole or apertur\$ or window) with (mirror or reflect\$ or deflect\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 17:55 |
| S24 | 1455 | (schmidt or cassegrain\$) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and ((hole or apertur\$ or window) with (mirror or reflect\$ or deflect\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 17:54 |
| S25 | 18 | S24 and telescop\$ and (bidirect\$ or bi?direct\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 17:50 |
| S22 | 145 | S21 and (bidirect\$ or bi?direct\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 17:49 |
| S23 | 339 | (schmidt or cassegrain\$) and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and (freespace or free?space or (free near3 space)) and (hole or apertur\$ or window) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 17:48 |
| S17 | 33 | S14 and telescop\$ and (bidirect\$ or bi?direct\$) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 16:15 |

| | | | | | | |
|-----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----|-----|---------------------|
| S20 | 76 | telescop\$ and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and (freespace or free?space or (free near3 space)) and (schmidt or cassegrain\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 16:14 |
| S19 | 36 | telescop\$ and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and ((freespace or free?space or (free near3 space)) with (communicat\$ or telecommunicat\$ or tele?communicat\$)) and (schmidt or cassegrain\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 15:57 |
| S18 | 172 | S14 and telescop\$ and ((transmi\$ and (receiv\$ or recept\$)) or transceiv\$) and (communicat\$ or telecommunicat\$ or tele?communicat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 13:35 |
| S16 | 185 | S14 and telescop\$ and (schmidt or cassegrain\$) and (apertur\$ or hole or window) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 12:42 |
| S6 | 213 | S5 and telescop\$ and (schmidt or cassegrain\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 11:55 |
| S14 | 4307 | ((359/366) or (359/399) or (359/364) or (359/365) or (359/419) or (359/839) or (359/840) or (359/850) or (359/855) or (359/856) or (359/857) or (359/858) or (359/859) or (359/641) or (398/118) or (398/128) or (398/129) or (398/130) or (398/131)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/27 11:05 |
| S3 | 21 | S2 and telescop\$ and cassegrain\$ and (freespace or free?space or (free near3 space)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/27 11:05 |
| S13 | 9 | ("4439012").URPN. | USPAT | OR | ON | 2005/04/27 10:38 |
| S12 | 13 | ("3968362").URPN. | USPAT | OR | ON | 2005/04/27 10:31 |
| S11 | 4 | ("3410641" "3781552" "3802775").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/27 10:28 |
| S10 | 12 | ("0536759" "3371212" "3527526" "3614449" "3781552" "3907408" "3968362" "4165936" "4363533").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/27 10:14 |
| S9 | 1 | ("5420723").URPN. | USPAT | OR | ON | 2005/04/27 09:28 |
| S8 | 5 | ("3215842" "3984685" "4496839" "4632563").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/27 09:22 |
| S7 | 194 | S6 and ax?s | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/04/26 19:30 |

| | | | | | | |
|----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----|-----|---------------------|
| S5 | 4307 | ((359/366) or (359/399) or (359/364) or (359/365) or (359/419) or (359/839) or (359/840) or (359/850) or (359/855) or (359/856) or (359/857) or (359/858) or (359/859) or (359/641) or (398/118) or (398/128) or (398/129) or (398/130) or (398/131)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/26 19:29 |
| S4 | 9 | ("3813553" "3989942" "4731879" "4867560" "5060304" "5142400" "5229593" "5282073" "5285461").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/26 18:22 |
| S2 | 4307 | ((359/366) or (359/399) or (359/364) or (359/365) or (359/419) or (359/839) or (359/840) or (359/850) or (359/855) or (359/856) or (359/857) or (359/858) or (359/859) or (359/641) or (398/118) or (398/128) or (398/129) or (398/130) or (398/131)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/26 17:12 |
| S1 | 8 | ((("4439012") or ("4695139") or ("5390040"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/26 16:37 |